

# Converting Colors

Hex(4EB832)

Have a look what the booklet for  
Hex(4EB832) contains.

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**Color**

**Hex(4EB832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EB832
RGB	78, 184, 50
RGB Percent	31%, 72%, 20%
CMY	0.6941, 0.2784, 0.8039
CMYK	0.58, 0.00, 0.73, 0.28
HSL	107°, 57%, 46%
HSV	107°, 73%, 72%
XYZ	20.8581, 36.1310, 8.8923
YIQ	137.0300, -20.1620, -64.1460

# Conversions

## Conversions Part 2

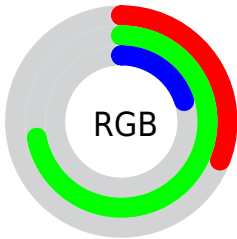
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 184, 156
Decimal	5158962
CIELab	66.62, -54.53, 55.68
CIELCh	67, 77.932, 134.405
Yxy	36.1310, 0.3166, 0.5484
Android (android.graphics.Color)	4283349042 (0xFF4EB832)
YUV	137.0300, -42.9058, -51.7693
Hunter-Lab	60.1090, -43.2506, 33.3052

# Details

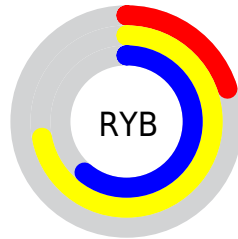
The Hex color **4EB832** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9C32B8**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **89F169**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **3FB820**, and if you desaturate by 10%, it is **5DB844**.

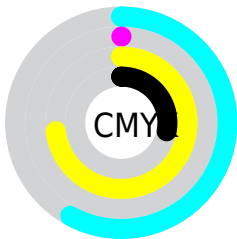
# Distribution



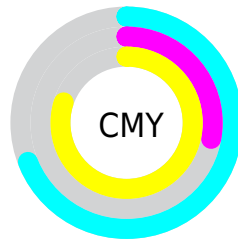
- Red (31%)
- Green (72%)
- Blue (20%)



- Red (20%)
- Yellow (72%)
- Blue (61%)



- Cyan (58%)
- Magenta (0%)
- Yellow (73%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EB832 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4EB832 by changing the saturation by 10% instead.



 4EB832

 4EB832

FFFFFF

 2C9D11

 89F169

 008200

 A7FF84

 006800

 C4FF9F

 004E00


 E2FFBB

 003700

 FFFFD8

 001F00

 FFFFF5

 000000

 4EB832

 4EB832

 3FB820

 5DB844

 31B80D

 6BB857

 26B800

 7AB869

 88B87C

 97B88E

 A5B8A0

 B4B8B3

 C2B8C5

 D1B8D8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3A900



4EB832



00C07A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4EB832



00B4FF



FF5783

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4EB832



9C32B8

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5ECA



4EB832



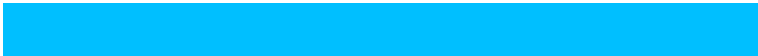
3D9FFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4EB832



00BFFF



CF7FFF



FF7241

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4EB832



00C2AB



CF7FFF



FF559B

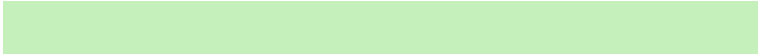


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4EB832



C6F0BB



B89B32



5F7859



F7F7F7



787878



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4EB832



4BF01F



32B858



555C53



219C00



061C00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9C32B8



C41FF0



B83292



5A535C



7B009C



16001C



# Previews

## White Background



This preview shows how the Hex color 4EB832 looks on a white background.

## Color Contrast Check

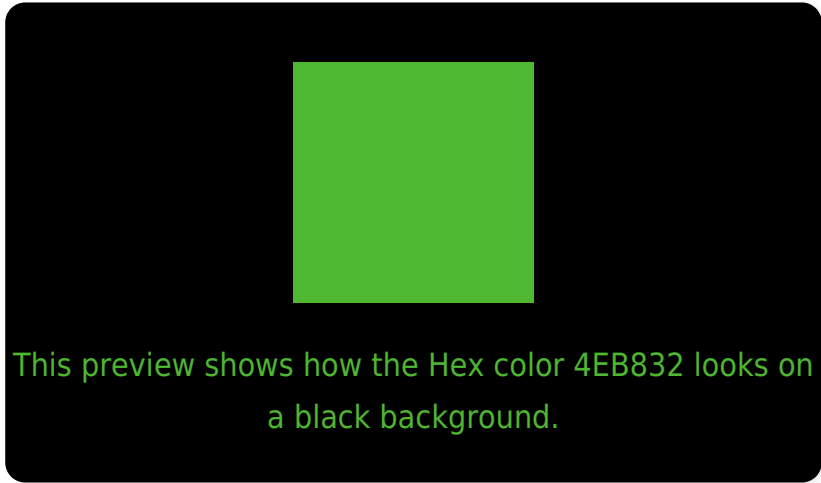
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

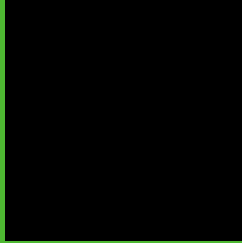
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4EB832 Background



This preview shows how black text looks on a background with the Hex color 4EB832.

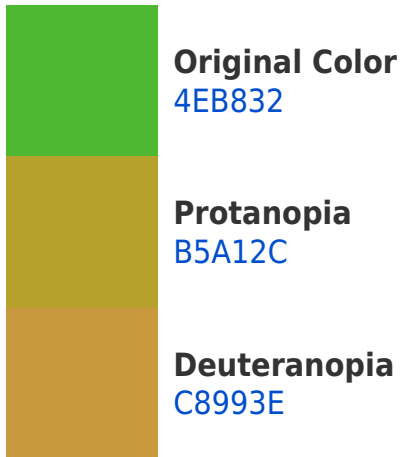


This preview shows how white text looks on a background with the Hex color 4EB832.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4EB832



**Protanomaly**  
90A92E



**Deuteranomaly**  
9CA43A



**Tritanomaly**  
5FB089

# Monochromacy



**Original Color**  
4EB832



**Achromatopsia**  
898989



**Achromatomaly**  
749A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EB832 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4EB832 looks like.

```
.text, #text, p{  
    color:#4EB832  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4EB832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB832
}
```

## Border

The CSS property to change the border of an element to Hex 4EB832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4EB832 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4EB832 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4EB832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB832; -webkit-box-shadow:4px 4px  
4px 4px #4EB832; box-shadow:4px 4px 4px  
4px #4EB832 }
```

# Background

The CSS property to change the background color of an element to Hex 4EB832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB832 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4EB832 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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